

NEW AMPHIPOD TAXA IN AMPHIPOD NEWSLETTER 20

Wim Vader

A. New families and subfamilies in AN 20

- ATYLOPSINAE (Pleustidae) Bousfield & Hendrycks, 1994. *Atylopsis* (type) +1.
- AUSTROPLEUSTINAE (Pleustidae) Bousfield & Hendrycks, 1994. *Austropleustes* (type) and *Tepidopleustes*.
- CAPRELLINOIDIDAE Laubitz, 1993. *Caprellinoides* (type) + 8.
- DACTYLOPLEUSTINAE (Pleustidae) Bousfield & Hendrycks, 1994. *Dactylopleustes* (type)
- EOSYMTINAE (Pleustidae) Bousfield & Hendrycks, 1994. *Eosymtes* (type)
- MESOPLEUSTINAE (Pleustidae) Bousfield & Hendrycks, 1994. *Mesopleustes* (type).
- METHARPINIINAE (Phoxocephalidae) Jarrett & Bousfield, 1994. *Metharpinia* (type) +?
- NEOPLEUSTINAE (Pleustidae) Bousfield & Hendrycks, 1994. *Neopleustes* (type), *Pleustostenus* + 4.
- PARAPLEUSTINAE (Pleustidae) Bousfield & Hendrycks, 1994. *Parapleustes* (type), *Incisocalliope* ? 5
- PARIAMBIDAE Laubitz, 1993. *Pariambus* (type) + 16.
- PLEUSIRINAE (Pleustidae) Bousfield & Hendrycks, 1994. *Pleusirus* (type).
- PLEUSTINAE (Pleustidae) Bousfield & Hendrycks, 1994. *Pleustes* (type)
- PLEUSTOIDINAE (Pleustidae) Bousfield & Hendrycks, 1994. *Pleustoides* (type).
- PLEUSYMTINAE (Pleustidae) Bousfield & Hendrycks, 1994. *Pleusymtes* (type), *Pleustomesus* + 6.

B. New genera and subgenera in AN 20

- BERINGIOPHOXUS Jarrett & Bousfield, 1994. Phoxocephalidae. *B. beringianus*
- CABOGIDIELLA Stock & Vonk, 1992. Bogidiellidae. *C. littoralis*
- CARIBSEBA Shaw, 1989. Sebidae. *Seba tropica*
- CRYPTODIUS Moore, 1992. Odiidae. *Odius kelleri*

DOMICOLA Pretus & Abello, 1993. Calliopiidae. *D. lithodesi*.

EOSYMTES Bousfield & Hendrycks, 1994. Pleustidae. *E. minutus*

FRIGORA Ren in Ren & Huang, 1991. Eusiridae. *F. ascidicola*

HONGKONGVENA Hirayama, 1992. Oedicerotidae. *H. memoria*

IMBREXODIUS Moore, 1992. Odiidae. *I. oclairi*.

INHACA Ortiz, Berze-Freire & Wasikete, 1990. Eusiridae. *I. gnatholobata*.

LINCA Alonso de Pina, 1993. Phoxocephalidae. *L. pinita*.

MAJOXIPHALUS Jarrett & Bousfield, 1994. Phoxocephalidae. *Foxiphalus major*.

NEPELLA Barnard & Drummond, 1991. Urohaustoriidae. *N. nelera*.

PARAPROBOLISCA Ren in Ren & Huang, 1991. Stenothoidae. *P. leptopoda* .

PARAGAMMAROPSIS Ren in Ren & Huang, 1991. Isaeidae. *P. prenes*

PATAGONGIDIELLA Grosso & Fernandez, 1993. Bogidiellidae. *P. mauryi* (?)

PHREATOCHILTONIA Zeidler, 1991. Ceinidae. *P. anophthalma*.

PSEUDFOXIPHALUS Andres, 1991. Phoxocephalidae. *P. setosus*.

STEGOCEPHALEXIA Moore, 1992. Stegocephalidae. *S. penelope*.

WOMBALANO Thomas & Barnard, 1991. Aoridae. *W. yerang*

YHI Barnard & Thomas, 1991. Paracalliopiidae. *Y. yindi*.

C. New species and subspecies in AN 20

ACICULUM (Harpiniopsis) Ren, in Ren & Huang, 1991.

Antarctic peninsula, Antarctic

AMPLIFORBICUM (Synchelidium) Hirayama, 1992.

Hong Kong

ANDRESI (Pseudamaryllis) Lowry & Stoddart, 1993.

Makassar Str., Indonesia, 1700m

ANDRONYX (Paramelita) Stewart & Griffiths, 1992.

33°S, 10°E, S. Africa

ANGUSTILOBATUS (Megamphopus) Ren, in Ren & Huang, 1991

Antarctic peninsula, Antarctic

ANNASONA (Ichnopus) Lowry & Stoddart, 1992.

Tasman Sea

ANOPHTHALMA (Phreatochiltonia) Zeidler, 1991
Artesian spring, inland S.Australia

ANTARCTICA (Ampelisca) Ren, in Ren & Huang, 1991.
Antarctic peninsula, Antarctic

ANTARCTICA (Pseudharpinia) Ren, in Ren & Huang, 1991.
Antarctic peninsula, Antarctic.

ANTARCTICA (Sophrosyne) Ren, in Ren & Huang, 1991.
Antarctic peninsula, Antarctic.

AQABAENSIS (Megaluropus) Lyons & Myers, 1993.
Gulf of Aqaba, Red Sea

ARGENTINENSIS (Lembos) Alonso de Pina, 1992.
Santa Cruz prov., Argentina

ARIMOTOI (Caprella) Takeuchi, 1993.
Seto Inland Sea, Japan

ASCIDICOLA (Frigora) Ren, in Ren & Huang, 1991.
Antarctic peninsula, Antarctic

ssp ASIAENSIS (Metaphoxus fultoni) Hirayama, 1992
Hong Kong

BARNARDI (Eucallisoma) Lowry & Stoddart, 1993.
Verde isl. passage, Philippines

BARNARDI (Pachychelium) Alonso de Pina, 1993.
Santa Cruz prov., Argentina

BARNARDI (Rhepoxynius) Jarrett & Bousfield, 1994.
British Columbia, Canada

BARNARDI (Trischizostoma) Vinogradov, 1990.
24°55'S, 88°30'W

BASILOBATA (Sternophysinx) Griffiths, 1991.
Namibia

BASTIDAI (Colomastix) Alonso de Pina, 1993.
37°28'S, 55°30'W, Argentina

BERINGIANUS (Beringiophoxus) Jarrett & Bousfield, 1994.

Amchitka Isl., Alaska

BIDENTATUM (Corophium) Mona & Shoukr, 1989.

Suez Canal, Egypt

BOREOVARIATUS (Rhepoxynius) Jarrett & Bousfield, 1994.

British Columbia, Canada

BOZONICI (Bahadzia) Holsinger, 1992.

Yucatan peninsula, Mexico

BROODBAKKERI (Bogidiella) Stock, 1992.

Ryu Kyu islands, Japan

BURRI (Psammogammarus) Jaume & Garcia, 1992.

Balearic islands, Spain

CALCEOLA (Sternophysinx) Holsinger, 1992.

Transvaal, South Africa

CANARIUS (Elasmopus) Krapp-Schickel & Ruffo, 1990.

Gran Canaria, Canary Islands, Spain

CAPRICORNUS (Ichnopus) Lowry & Stoddart, 1992.

Queensland, Australia

CARITUS (Ichnopus) Lowry & Stoddart, 1992.

Western Australia

CASCADIENSIS (Phippsiella) Moore, 1992.

off Oregon, USA

CASTELLATUS (Onesimoides) Lowry & Stoddart, 1993.

off Lubang island, Philippines

CHOSANI (Urothoe) Hirayama, 1992.

Hong Kong

COGNATA (Melita) Stock & Vonk, 1992.

freshwater, Cape Verde Islands

COMORENSIS (Ichnopus) Lowry & Stoddart, 1992.

Comores isl., Indian Ocean

CONSTANTINUS (Grandifoxus) Jarrett & Bousfield, 1994.

Amchitka Island, Alaska

CORIOLIS (Aristias) Lowry & Stoddart, 1993.
Sibuyan Sea, Philippines, 1600m

CRIBENSIS (Ichnopus) Lowry & Stoddart, 1993.
Victoria, Australia

CRISTOCHELATUM (Trischizostoma) Vinogradov, 1990.
25°40'S, 86°35'W

CROSNIERI (Trischizostoma) Lowry & Stoddart, 1993.
Verde Island passage, Philippines

CRYPTA (Torometopa) Andres & Rauschert, 1992.
S. Georgia, Antarctic

CUDJOE (Cerapus) Lowry & Thomas, 1991.
Florida Keys, USA

DANIELI (Patagongidiella) Grosso & Fernandez, 1993
Patagonia, Argentina

DELTABRACHIUM (Isocyamus) Sedlak-Weinstein, 1992.
East coast Japan

DENTATA (Paramelita) Stewart & Griffiths, 1992.
Cape peninsula, S. Africa

DENTICOA (Hornellia) Lyons & Myers, 1993.
Gulf of Aqaba, Red Sea

DICHOTOMUS (Paracalliope) Morino, 1991.
Okinawa Isl., Japan

DIXONENSIS (Grandifoxus) Jarrett & Bousfield, 1994.
British Columbia, Canada

DIXONI (Paracyproidea) Moore, 1991.
Bali, Indonesia

DUCRAYI (Lestrigonus) Zeidler, 1992.
Queensland, Australia

ELEPHANTENSIS (Torometopa) Andres & Rauschert, 1992.
Elephant island, Antarctic

ENDEAVOURI (Pardalisca) Shaw, 1989.

46*N, 130*W, 1800m

ERINACEUS (Poekilogammarus) Tachteew, 1992.

Lake Baikal, Siberia

FACTOR (Niphargus) Karaman & Sket, 1990

Bosnia-Hercegovina

FALCIFORMIS (Foxiphalus) Jarrett & Bousfield, 1994.

British Columbia, Canada

FLUVIATILIS (Psammogammarus) Stock, 1991.

Luzon, Philippines

FUCAXIMEUS (Foxiphalus) Jarrett & Bousfield, 1994.

Washington St., USA

GAGNEI (Hawaiiorchestia) Richardson, 1991.

Oahu, Hawaii

GERMANALCYONE (Leucothoe) Hirayama, 1992.

Hong Kong

GNATHOLOBATA (Inhaca) Ortiz, Berze-Freire & Wasikete, 1990

Mozambique

HARDENI (Mexiweckelia) Holsinger, 1992.

Texas, USA

HAYASHISANAE (Harpiniopsis) Hirayama, 1992.

Hong Kong

HERSHLERI (Seborgia (Relictoseborgia)) Holsinger, 1992

Texas, USA

HESMONECTES (Halice) Martin, France & Van Dover, 1993.

vent areas, E. Pacific

HIBERNICA (Sternophysinx) Griffiths, 1991.

Namibia

HINUMENSIS (Jesogammarus) Morino, 1993.

Ibaraki pref., Japan

HONGKONGENSIS (Ampelisca) Hirayama, 1991.

Hong Kong

HOSHIAII (Neoxenodice) Takeuchi & Takeda, 1992.
Breid Bay, Antarctic

INFLATUS (Pseuderichthionius) Ren, in Ren & Huang, 1991
Antarctic peninsula, Antarctic

INTERMEDIA (Ampelisca) Bellan-Santini & Diviacco, 1990.
Po delta, Adriatic Sea, Italy

IPILYA (Guernea) Thomas & Barnard, 1991.
Great Barrier Reef, Australia

ISEEBI (Gitanopsis) Yamato, 1993.
Japan

KARAMANI (Rostrogitanopsis) Müller, 1993.
East coast Malayan peninsula, Malaysia

KAZAKHSTANICA (Stygobromus) Kulkina, 1992.
Tien Shan Mts, Kazakhstan

LAEVIS (Proboloides) Ren, in Ren & Huang, 1991.
Antarctic peninsula, Antarctic

LANIPO (Platorchestia) Richardson, 1991
Oahu, Hawaii

LATIFRONS (Harpinia) Ren, in Ren & Huang, 1991
Antarctic peninsula, Antarctic

LEPTOPODA (Paraprobolisca) Ren, in Ren & Huang, 1991.
Antarctic peninsula, Antarctic

LITHODESI (Domicola) Pretur & Abello, 1993.
off Namibia

LITTORALIS (Cabogidiella) Stock & Vonk, 1992.
Cap Verde islands

LONGIPALMA (Metopa) Ren, in Ren & Huang, 1991.
Antarctic peninsula, Antarctic

LONGISETA (Tryphosella) Ren, in Ren & Huang, 1991.
Antarctic pensinsula, Antarctic

MACROCHELA (Trischizostoma) Vinogradov, 1990.

25°19'S, 100°17'W

MACROPHOCULATA (Figorella) Ren, in Ren & Huang, 1991.

Antarctic peninsula, Antarctic

MAGNA (Paramelita) Stewart & Griffiths, 1992.

Cape peninsula, S.Africa

MAGNICORNIS (Paramelita) Stewart & Griffiths, 1992.

Cape peninsula, S.Africa

MALPATUM (Ichnopus) Lowry & Stoddart, 1992.

Papua New Guinea

MAMILLIDACTA (Stegocephalopsis) Moore, 1993.

Amchitka Island, Alaska

MARUNGUIS (Paramelita) Stewart & Griffiths, 1992.

Cape peninsula, S.Africa

MAURYI (Patagongiella) Grosso & Fernandez, 1993.

Patagonia, Argentina

MAXIMUS (Majoxiphalus) Jarrett & Bousfield, 1994.

British Columbia, Canada

MEMORIA (Hongkongvenia) Hirayama, 1992.

Hong Kong

MERIDICHINENSIS (Perioculodes) Hirayama, 1992

Hong Kong

MINDORO (Onesimoides) Lowry & Stoddart, 1993.

Mindoro, Philippines

MINUTUS (Eosymtes) Bousfield & Hendrycks, 1994.

Bering Sea

MONTANUS (Orchomene) Vinogradov & Vinogradov, 1991.

Nasca Ridge, SE Pacific

NASCAENSE (Trischozostoma) Vinogradov, 1990

25°40'S, 86°35'W

NELERA (Nepella) Barnard & Drummond, 1991.

Tasmania, Australia

NEONOMA (Hyaella) Stock & Platvoet, 1991.

Falkland Islands, S.America

NITITUS (Proboloides) Ren, in Ren & Huang, 1991.

Antarctic peninsula, Antarctic

NONMIRACULUM (Synchelidium) Hirayama, 1992.

Hong Kong

NONROSTRUM (Synchelidium) Hirayama, 1992.

Hong Kong

NUDICARPUS (Troglololeupia) Griffiths, 1991.

NW Namibia

NUMERUS (Niphargus) Karaman & Sket, 1990.

Dalmatia, Croatia

OCLAIRI (Imbrexodius) Moore, 1992.

Amchitka Island, Alaska

PACIFICUS (Paracentromedon) Lowry & Stoddart, 1993.

Makassar Straits, Indonesia

PALLIDUS n.st. (Rhepoxynius) Jarrett & Bousfield, 1994.

British Columbia, Canada

PALMASPINOSA (Streetsia) Vinogradov, 1990.

20°45'S, 80°53'W

PALUSTRIS (Eorchestia) Richardson, 1993.

Northwest bay, Tasmania, Australia

PARRIWI (Ichnopus) lowry & Stoddart, 1992.

New South Wales, Australia

PARVA (Paramelita) Stewart & Griffiths, 1992.

Storm river, Cape prov., S.Africa

PAYNEI (Gammarus) delong, 1992.

Louisiana, USA

PELLUSIDUS (Heterophlias) Ren, in Ren & Huang, 1991.

Antarctic peninsula, Antarctic

PENELOPE (Stegocephalexia) Moore, 1992.

British Columbia, Canada

PHERONYX (Paramelita) Stewart & Griffiths, 1992.

Cape peninsula, S.Africa

PILLICORNIS (Paramelita) Stewart & Griffiths, 1992.

Cape prov., S.Africa

PINITA (Linca) Alonso de Pina, 1993.

Argentina

PINNICORNIS (Paramelita) Stewart & Griffiths, 1992.

Cape peninsula, S.Africa

PLATYPUS (Paramelita) Stewart & Griffiths, 1992.

Cape peninsula, S.Africa

PRENES (Paragammaropsis) Ren, in Ren & Huang, 1991.

Antarctic peninsula, Antarctic

PROFUNDA (Seba) Shaw, 1989.

46°N, 130°W, 1800m

PSEUDONASUTUS (Grandifoxus) Jarrett & Bousfield, 1994.

Amchitka Island, Alaska

PULCHRA (Alexandrella) Ren, in Ren & Huang, 1991.

Antarctic peninsula, Antarctic

ROBUSTA (Waldeckia) Ren, in Ren & Huang, 1991.

Antarctic peninsula, Antarctic

RUPESTRIS (Eorchestia) Richardson, 1993.

SE Tasmania, Australia

RYUKYUENSIS (Victoriopisa) Morino, 1991.

Okinawa isl., Japan

SCULPTIDENTATA (Drummondia) Ren, in Ren & Huang, 1991.

Antarctic peninsula, Antarctic

SETODACTYLUS (Bahadzia) Holsinger, 1992.

Yucatan peninsula, Mexico

SETOSUS (Hemiscelus) Vinogradov, 1990.

25°27'S, 99°35'W

SETOSUS (Pseudoxiphalus) Andres, 1991.
S. Chile

SLATTERYI (Foxiphalus) Jarrett & Bousfield, 1994.
Amchitka Island, Alaska

SMARAGDINUS (Holsingerius) Holsinger, 1992.
Texas, USA

SPINICAUDA (Prostebbingia) Ren, in Ren & Huang, 1991.
Antarctic peninsula, Antarctic

SPINITELSON (Wildus) Lyons & Myers, 1993.
Gulf of Aqaba, Red Sea

SPINOSUS (Psammogammarus) Stock & Vonk, 1991.
Cap verde islands

STYGOTRUPETES (Peramphithoe) Conlan & Chess, 1992.
N.California, USA

TADITADI (Kamaka) Thomas & Barnard, 1991.
Papua New Guinea

TANJAE (Trischizostoma) Vinogradov, 1991.
NW Indian Ocean

TANSONI (Ampelisca) Hirayama, 1991.
Hong Kong

TOLKIENI (Leucothoe) Vinogradov, 1990.
25*07'S, 99*35'W

UGOLINII (Talorchestia) Bellan-Santini & Ruffo, 1991
Corsica, France

UMIGAME (Podocerus) Yamato, 1992.
Shirahama, Japan

UNGUICULATA (Ingolfiella (A.)) Stock, 1992.
Madeira, Portugal

UNGUIDACTYLUS (Cryptodius) Moore, 1992.
Deer island, Alaska

VALIDICORNIS (Paramelita) Stewart & Griffiths, 1992.

Botrivier, Cape prov., S.Africa

VERDENSIS (Aristias) Lowry & Stoddart, 1993.

Verde islands, Philippines

VITJAZI (Caprella) Vassilenko, 1992.

Kommandor Isl., NE Russia

WARDI (Ichnopus) Lowry & Stoddart, 1992.

Western Australia

WELBOURNI (Artesia) Holsinger, 1992.

Texas, USA

YAMMINYE (Guernea) Thomas & Barnard, 1991.

Great Barrier Reef, Australia

YERANS (Wombalano) Thomas & Barnard, 1991.

Great Barrier Reef, Australia

YINDI (Yhi) Barnard & Thomas, 1991.

Great Barrier Reef, Australia

D. SYSTEMATIC INDEX TO NEW AMPHIPOD GENERA AND SPECIES IN AN 20

This list follows the same "taxonomy" as that in AN 19, 37-51. The new family Sternophysingidae is added, but all caprellids and hyperiids are still listed together.

Ampeliscidae

Ampelisca antarctica, hongkongensis, intermedia, tansoni

Amphilochidae

Gitanopsis iseebi

Rostrogitanopsis karamani

Ampithoidae

Peramphithoe stygotrupetes

Anisogammaridae

Jesogammarus hinumensis

Artesiidae

Artesia welbourni

Bogidiellidae

Bogidiella broodbakkeri

CABOGIDIELLA littoralis

PATAGONGIDIELLA danieli, mauryi

Ceinidae

PHREATOCHILTONIA anophthalma

“greater Ceradocus group”

Elasmopus canarius

“cheirocratids”

Hornellia denticola

Megaluropus aqabaensis

Colomastigidae

Colomastix bastidai

Corophioidea

Cerapus cudjoe

Corophium bidentatum

Kamaka taditadi

Lembos argentinensis

Megamphopus angustilobatus

PARAGAMMAROPSIS prenes

Pseuderichthonius inflatus

WOMBALANO yerang

“crangonyctoids”

Paramelita andronyx, dentata, magna, magnicornis, marunguis, parva, pheronyx,
pillicornis, pinnicornis, platypus, validicornis

Stygobromus kazakhstanica

Cyproideidae

Paracyproidea dixonii

Dexaminidae

Guernea ipilya, yamminye

Eusiridae s.l.

DOMICOLA lithodesi

FRIGORA ascidicola

INHACA gnatholobata

Prostebbingia spinicauda

“gammaroids”

Gammarus paynei

Poekilogammarus erinaceus

incertae sedis

PRAEFALKLANDELLA

“Hadzia-Weckelia-group”

Bahadzia bozonici, setodactylus

Holsingerius smaragdinus

Mexiweckelia hardeni

Hyalellidae

Hyalella neonoma (n.nom.)

Iphimediidae s.l.

CRYPTODIUS unguidactylus

IMBEXODIUS oclairi

Leucothoidae

Leucothoe germanalcione, tolkieni

Lysianassoidea

Aristias coriolis, verdensis

Drummondia sculptidentata

Eucallisoma barnardi

Figorella macrophoculata

Ichnopus anasona, capricornis, caritus, comorensis, cribensis, malpatum, parriwi,
wardi

Onesimoides castellatus, mindoro

Orchomene montanus

Pachychelium barnardi

Paracentromedon pacificus

Pseudamaryllis andresi

Sophrosyne antarctica

Trischizostoma barnardi, *cristochelatum*, *crosnieri*, *macrochela*, *nascaense*, *tanjae*

Tryphosella longiseta

Waldeckia robusta

“melitids”

Melita cognata

Psammogammarus burri, *fluviatilis*, *spinosus*

Victoriopisa ryukyuensis

Niphargidae

Niphargus factor, *numerus*

Oedicerotidae

HONGKONGVENA memoria

Perioculodes meridichinensis

Synchelidium ampliforbicum, *nonmiraculum*, *nonrostrum*

Paracalliopiidae

Paracalliope dichotomus

YHI yindi

Pardaliscidae

Halice hesmonectes

Pardalisca endeavouri

Phliantidae

Heterophlias pellusidus

Phoxocephalidae

BERINGIOPHOXUS beringianus

Foxiphalus falciformis, *fucaximeus*, *slatteryi*

Grandifoxus constantinus, *dixonensis*, *pseudonasutus*

Harpinia latifrons

Harpiniopsis aciculum, *hayashisanae*

LINCA pinita

MAJOXIPHALUS maximus

Metaphoxus (fultoni) asiaensis

PSEUDFOXIPHALUS setosus

Pseudharpinia antarctica

Rhepoxynius barnardi, boreovariatus, pallidus (n.stat.)

Wildus spinitelson

Pleustidae

EOSYMTES minutus

Podoceridae

Neoxenodice hoshiaii

Podocerus umigame

Sebidae

CARIBSEBA

Seba profunda

Seborgia hershleri

Stegocephalidae

Phippsiella cascadiensis

STEGOCEPHALEXIA penelope

Stegocephalopsis mamillidacta

Stenothoidae

Metopa longipalpa

PARAPROBOLISCA leptopoda

Proboloides laevis, nititus

Torometopa crypta, elephantensis

Sternophysingidae

Sternophysinx basilobata, calceola, hibernica

Stilipedidae

Alexandrella pulchra

Talitridae

Eorchestia palustris, rupestris

Hawaiiorchestia gagnei

Platorchestia lanipo

Talorchestia ugoninii

Urohaustoriidae

NEPELLA nelera

Urothoidae

Urothoe chosani

Ingolfiellidae

Ingolfiella unguiculata

Trogloleleupia nudicarpus

Caprellidea

Caprella arimotoi, vitjazi

Cyamidae

Isocyamus deltabrachium

Hyperiidea

Hemiscelus setosus

Lestrignus ducrayi

Streetsia palmaspinosa

Tromsø, April 1994

Wim Vader

